Summary of 2008 Mathematics Standard Changes

GRADE 7			
Removed POs	**POs Moved to a Different Grade Level**	**POs Moved within the Grade Level or from another Grade Level**	**New POs**
M07-S1C2-09 (2003) Use grade-level appropriate mathematical terminology. **(This skill is required throughout the standard).**	M07-S1C1-01 (2003) Express fractions as terminating or repeating decimals. MOVED to M04-S1C1-01 (2008)	M07-S1C1-01 (2008) Recognize and convert between expressions for positive and negative rational numbers, including fractions, decimals, percents, and ratios. MOVED from M06-S1C1-04.	M07-S1C3-03 (2008) Estimate square roots of numbers less than 1000 by locating them between two consecutive whole numbers.
M07-S2C1-01 (2003) Formulate questions to collect data in contextual situations.	M07-S1C1-04 (2003) Choose the appropriate signed real number to represent a contextual situation. MOVED to M05-S1C1-06 (2008) and M06-S1C1-04 (2008)	M07-S1C2-08 (2003) MOVED to M07-S1C1-04 (2008) Model and solve simple problems involving absolute value.	M07-S2C2-02 (2008) Experiment with two different events to determine whether the two events are dependent or independent of each other.
M07-S2C1-08 (2003) Compare trends in data related to the same investigation.	M07-S1C1-06 (2003) Locate integers on a number line. MOVED to M05-S1C1-03 (2008)	M07-S1C3-05 (2003) MOVED to M07-S4C4-01 (2008) Solve problems involving the circumference and area of a circle by calculating and estimating.	M07-S3C3-04 (2008) Translate between graphs and tables that represent a linear equation.
M07-S4C1-04 (2003) Distinguish between length, area, and volume, using 2- and 3-dimensional geometric figures.	M07-S1C1-08 (2003) Classify rational numbers as natural, whole, or integers. MOVED to M08-S1C1-03 (2008)	M07-S2C2-06 (2003) MOVED to M07-S5C2-08 (2008) Make and test conjectures based on information collected from explorations and experiments.	M07-S3C3-05 (2008) Create and solve two-step equations that can be solved using inverse operations with rational numbers.

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	M07-S2C4-01 (2003) Find the shortest circuit on a map that makes a tour of specified sites (vertex-edge graph). MOVED to M06-S2C4-01 (2008)	M07-S2C4-01 (2008) Use vertex-edge graphs and algorithmic thinking to represent and find solutions to practical problems related to Euler/Hamilton paths and circuits. MOVED from M08-S2C4-01 (2003)	M07-S3C3-06 (2008) Create and solve one-step inequalities with whole numbers.
	M07-S3C2-01 (2003) Describe the rule used in a simple grade-level appropriate function (e.g., T-chart, input/output model). MOVED to M08-S3C2-03 (2008)	M07-S4C1-04 (2008) Describe the relationship between the number of sides in a regular polygon and the sum of its interior angles. MOVED from MHS-S4C4-08 (2003)	M07-S5C1-01 (2008) Create an algorithm to determine the area of a given composite figure.
	M07-S4C1-03 (2003) Identify the net (2-dimensional representation) that corresponds to a rectangular prism, cone, or cylinder. MOVED to M04-S4C1-07 (2008)	M07-S4C3-01 (2003) MOVED to M07-S3C2-01 (2008) Use a table of values to graph an equation or proportional relationship; describe the graph's characteristics.	M07-S5C2-01 (2008) Analyze a problem situation to determine the question(s) to be answered.
	M07-S4C1-05 (2003) Draw polygons with appropriate labels. MOVED to M05-S4C1-01 (2008)	M07-S4C4-03 (2003) MOVED to M07-S1C3-04 (2008) Estimate the measure of an object in one system of units given the measure of that object in another system and the approximate conversion factor.	M07-S5C2-02 (2008) Analyze and compare mathematical strategies for efficient problem solving; select and use one or more strategies to solve a problem.

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	M07-S4C1-09 (2003) Model the triangle inequality theorem using manipulatives. MOVED to MHS-S4C1-09 (2008)	M07-S4C4-03 (2008) Calculate the area and perimeter of composite 2-dimensional figures. MOVED from MHS-S4C4-01 (2003)	M07-S5C2-04 (2008) Represent a problem situation using multiple representations, describe the process used to solve the problem, and verify the reasonableness of the solution.
	M07-S4C3-01 (2003) Graph data points in (x, y) form in any quadrant of a coordinate grid. MOVED to M06-S4C3-01 (2008)	M07-S4C4-05 (2008) Create a net to calculate the surface area of a given solid. MOVED from M08-S4C1-04 (2003)	M07-S5C2-05 (2008) Apply a previously used problem-solving strategy in a new context.
	M07-S4C3-02 (2003) State the missing coordinate of a given figure in any quadrant of a coordinate grid using geometric properties (e.g., Find the coordinates of the missing vertex of a rectangle when two adjacent sides are drawn.). MOVED to M06-S4C3-02 (2008)	M07-S5C1-01 (2003) MOVED to M07-S5C2-03 (2008) Identify relevant, missing, and extraneous information related to the solution to a problem.	M07-S5C2-06 (2008) Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.
	M07-S5C1-02 (2003) Analyze algorithms for computing with fractions. MOVED to M06-S5C1-01 (2008)		M07-S5C2-07 (2008) Isolate and organize mathematical information taken from symbols, diagrams, and graphs to make inferences, draw conclusions, and justify reasoning.

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			M07-S5C2-10 (2008) Demonstrate and explain that the process of solving equations is a deductive proof.
			M07-S5C2-11 (2008) Use manipulatives and other modeling techniques to defend π (pi) as a ratio of circumference to diameter.